

Form PTO-1449				Atty Docket No. G0092-6P		Serial No. 10/806,640	
<b>INFORMATION DISCLOSURE CITATION</b> <b>IN AN APPLICATION</b>				Applicant(s) David Jon Hiner et al.			
(Use several sheets if necessary)				Filing Date March 23, 2004		Group 3729	

  

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
QA	AA	3,868,724	02/25/75	Perrino	<del>357</del>	65	
QA	AB	3,916,434	10/28/75	Garboushian	<del>357</del>	74	
QA	AC	4,532,419	07/30/85	Takeda	235	492	
QA	AD	4,642,160	02/10/87	Burgess	156	630	
QA	AE	4,706,167	11/10/87	Sullivan	361	406	
QA	AF	4,716,049	12/29/87	Patraw	<del>422</del>	<del>96</del>	
QA	AG	4,786,952	11/22/88	MacIver et al.	357	23.4	
QA	AH	4,897,338	01/30/90	Spicciati et al.	430	314	
QA	AI	4,905,124	02/27/90	Banjo et al.	361	395	
QA	AJ	4,964,212	10/23/90	Deroux-Dauphin et al.	29	852	
QA	AK	4,974,120	11/27/90	Kodai et al.	361	392	
QA	AL	4,996,391	02/26/91	Schmidt	174	255	
QA	AM	5,081,520	01/14/92	Yoshii et al.	<del>357</del>	<del>80</del>	
QA	AN	5,108,553	04/28/92	Foster et al.	205	125	
QA	AO	5,110,664	05/05/92	Nakanishi et al.	428	195	
QA	AP	5,247,429	09/21/93	Iwase et al.	362	29	

  

FOREIGN PATENT DOCUMENTS							Translation	
DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	YES	NO		
QA	AQ	JP 05-109975	04/30/93	Japan		X		
QA	AR	JP 05-136323	06/01/93	Japan		X		
QA	AS	JP 07-017175	01/20/95	Japan		X		
QA	AT	JP 08-190615	07/23/96	Japan		X		
QA	AU	JP 10-334205	12/18/98	Japan		X		

  

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	
QA	AV IBM Technical Disclosure Bulletin, "Microstructure Solder Mask by Means of a Laser", Vol. 36, Issue 11, p.589, Nov. 1, 1993. (NN9311589).

  

Examiner <i>C. J. Huber</i>	Date Considered <i>7/31/06</i>
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

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U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
QA	AA	5,283,459	02/01/94	Hirano et al.	257	419	
QA	AB	5,371,654	12/06/94	Beaman et al.	361	744	
QA	AC	5,379,191	01/03/95	Carey et al.	361	777	
QA	AD	5,463,253	10/31/95	Waki et al.	257	724	
QA	AE	5,474,957	12/12/95	Urushima	437	209	
QA	AF	5,474,958	12/12/95	Djennas et al.	437	211	
QA	AG	5,530,288	06/25/96	Stone	257	700	
QA	AH	5,531,020	07/02/96	Durand et al.	29	840	
QA	AI	5,574,309	11/12/96	Papapietro et al.	257	679	
QA	AJ	5,581,498	12/03/96	Ludwig et al.	365	63	
QA	AK	5,582,858	12/10/96	Adamopoulos et al.	427	96	
QA	AL	5,616,422	04/01/97	Ballard et al.	428	621	
QA	AM	5,637,832	06/10/97	Danner	174	260	
QA	AN	5,674,785	10/07/97	Akram et al.	437	217	
QA	AO	5,719,749	02/17/98	Stopperan	361	769	
QA	AP	5,739,581	04/14/98	Chillara	257	668	
QA	AQ	5,739,585	04/14/98	Akram et al.	257	698	
QA	AR	5,739,588	04/14/98	Ishida et al.	257	782	
QA	AS	5,742,479	04/21/98	Asakura	361	737	
QA	AT	5,784,259	07/21/98	Asakura	361	752	

  

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	
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Examiner <i>C. J. Arbes</i>	Date Considered <i>7/31/06</i>
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U. S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
QA	AA	5,798,014	08/25/98	Weber	156	263	
QA	AB	5,822,190	10/13/98	Iwasaki	361	737	
QA	AC	5,826,330	10/27/98	Isoda et al.	29	852	
QA	AD	5,835,355	11/10/98	Dordi	361	760	
QA	AE	5,894,108	04/13/99	Mostafazadeh et al.	174	52.4	
QA	AF	5,903,052	05/11/99	Chen et al.	257	706	
QA	AG	5,936,843	08/10/99	Ohshima et al.	361	760	
QA	AH	5,952,611	09/14/99	Eng et al.	174	52.4	
QA	AI	6,004,619	12/21/99	Dippon et al.	427	97	
QA	AJ	6,013,948	01/11/00	Akram et al.	257	698	
QA	AK	6,021,564	02/08/00	Hanson	29	852	
QA	AL	6,028,364	02/22/00	Ogino et al.	257	778	
QA	AM	6,034,427	03/07/00	Lan et al.	257	698	
QA	AN	6,040,622	03/21/00	Wallace	257	679	
QA	AO	6,060,778	05/09/00	Jeong et al.	257	710	
QA	AP	6,069,407	05/30/00	Hamzehdoost	257	774	
QA	AQ	6,072,243	06/06/00	Nakanishi	257	783	
QA	AR	6,119,338	09/19/00	Wang et al.	29	852	
QA	AS	6,122,171	09/19/00	Akram et al.	361	704	
QA	AT	6,127,833	10/03/00	Wu et al.	324	755	

  

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Examiner <i>E. J. Arbes</i>	Date Considered <i>7/31/06</i>
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<b>U.S. PATENT DOCUMENTS</b>							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
QA	AA	6,160,705	12/12/00	Stearns et al.	361	704	
QA	AB	6,172,419	01/09/01	Kinsman	257	737	
QA	AC	6,184,463	02/06/01	Panchou et al.	174	52.4	
QA	AD	6,214,641	04/10/01	Akram	438	107	
QA	AE	6,235,554	05/22/01	Akram et al.	438	109	
QA	AF	6,274,821	08/14/01	Echigo et al.	174	255	
QA	AG	6,280,641	08/28/01	Gaku et al.	216	17	
QA	AH	6,316,285	11/13/01	Jiang et al.	438	106	
QA	AI	6,353,999	03/12/02	Cheng	29	852	
QA	AJ	6,392,160	05/21/02	Andry et al.	174	261	
QA	AK	6,395,578	05/28/02	Shin et al.	438	106	
QA	AL	6,405,431	06/18/02	Shin et al.	29	852	
QA	AM	6,406,942	06/18/02	Honda	438	119	
QA	AN	6,407,341	06/18/02	Anstrom et al.	174	255	
QA	AO	6,407,930	06/18/02	Hsu	361	784	
QA	AP	6,451,509	09/17/02	Keesler et al.	430	311	
QA	AQ	6,479,762	11/12/02	Kusaka	174	261	
QA	AR	6,497,943	12/24/02	Jimarez et al.	428	209	
QA	AS	6,517,995	02/11/03	Jacobson et al.	430	320	
QA	AT	6,534,391	03/18/03	Huemoeller et al.	438	612	
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						<b>Translation</b>	
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	YES NO
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CA	AA	6,544,638	04/08/03	Fischer et al.	428	322.7	
CA	AB	6,586,682	07/01/03	Strandberg	174	255	
CA	AC	6,660,559	12/09/03	Huemoeller et al.	438	106	
CA	AD	6,715,204	04/06/04	Tsukada et al.	29	847	
CA	AE	6,727,645	04/27/04	Tsujimura et al.	313	504	
CA	AF	6,730,857	05/04/04	Konrad et al.	174	257	
CA	AG	6,753,612	06/22/04	Adae-Amoakoh et al.	257	774	
CA	AH	6,787,443	09/07/04	Boggs et al.	438	612	
CA	AI	6,803,528	10/12/04	Koyanagi	174	262	
CA	AJ	6,815,709	11/09/04	Clothier et al.	257	40	
CA	AK	6,815,739	11/09/04	Huff et al.	257	275	
CA	AL	2002/0017712	02/14/02	Bessho et al.	257	700	
CA	AM	2003/0128096	07/10/03	Mazzochette	338	22	
CA	AN	D445,096	07/17/01	Wallace	D14	117	
CA	AO	D446,525	08/14/01	Okamoto et al.	D14	436	
	AP						
	AQ						
	AR						
	AS						
	AT						

  

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